

AMENDMENTS TO THE CLAIMS

Please amend the claims as set forth below. This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Canceled)
2. (Previously presented) The battery backup apparatus of claim 10 comprising an audible signaling device.
3. (Previously presented) The battery backup apparatus of claim 2 comprising an apparatus for enabling the audible signaling device in response to current flowing from the battery to the DC voltage supply via the unidirectional isolation device.
4. (Previously presented) The battery backup apparatus of claim 10 comprising one or more visual signaling devices.
5. (Previously presented) The battery backup apparatus of claim 10 wherein the battery charging device comprises circuitry for limiting a current applied to the first battery terminal.
6. (Previously presented) The battery backup apparatus of claim 5 wherein the circuitry for limiting, limits the current to an amount less than a predetermined maximum amount.
7. (Previously presented) The battery backup apparatus of claim 10 comprising cut out circuitry for disconnecting the first battery terminal from the unidirectional isolation device.

8. (Previously presented) The battery backup apparatus of claim 10 comprising cutout circuitry for disconnecting the first battery terminal from the battery charging circuit.

9. (Previously presented) The battery backup apparatus of claim 10 comprising circuitry for selectively disconnecting the first battery terminal from the first conduction path when the first conduction path is disconnected from the DC voltage supply.

10. (Currently amended) A battery backup apparatus for use with a barrier movement operator comprising:

- a DC voltage supply having a mains input voltage;

- a DC power connection from the DC voltage supply to a barrier movement control;

- a battery having first and second terminals;

- a first conduction path and a second conduction path connected to the DC voltage supply;

- a battery charging circuit for receiving a DC voltage from the DC voltage supply via the first conduction path and the second conduction path and for charging the battery when the DC voltage from the DC voltage supply exceeds a predetermined voltage; and

- a third conduction path comprising a unidirectional isolation device connecting a battery DC voltage from the first battery terminal to the DC voltage supply via the first conduction path such that a magnitude of the battery dc voltage is conducted along the third conduction path without being substantially adjusted by any intervening electrical device along the third conduction path when mains voltage to the mains voltage input fails.

11. (Previously presented) The battery backup apparatus of claim 10, wherein the predetermined voltage exceeds 20 volts.